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| UTILITY PATENT APPLICATION TRANSMITTAL | Attorney Docket No.: S-94,752 |
| | First Inventor or Application Identifier: Donna L. Robinson |
| | Title: METHOD AND APPARATUS FOR BIOLOGICAL MATERIAL SEPARATION |
| | Express Mail Label No: EJ425551186US |

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|---|--|---|
| APPLICATION ELEMENTS | | ADDRESS TO: Box Patent Application Assistant Commissioner for Patents Washington, DC 20231 |
| <p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) <i>(submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 24] <input checked="" type="checkbox"/> Descriptive title of the Invention <input type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C.113)[Total Sheets 3] <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal</p> <p>5. <input type="checkbox"/> Declaration & Power of Attorney [Total Pages] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R.§.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> c. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).</p> | | <p>6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies</p> |
| ACCOMPANYING APPLICATION PARTS | | |
| <p>8. <input type="checkbox"/> Assignment Papers (cover sheet & documentation)</p> <p>9. <input type="checkbox"/> 37 C.F.R.§.3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i></p> <p>13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>14. <input type="checkbox"/> Other: _____</p> | | |

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application S.N. _____ / _____.

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

16. CORRESPONDENCE ADDRESS

Name: **Gemma Morrison Bennett**

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Name (Print/Type): Gemma Morrison Bennett Registration No. (Attorney/Agent): 34,516

Signature: *Gemma Morrison Bennett* Date: February 12, 200110/21/01
U.S. PTO
02/12/01

| FEE TRANSMITTAL For FY 2001 | | Complete if Known Application Number: _____ Filing Date: February 12, 2001 First Named Inventor: Donna L. Robinson Examiner Name: _____ Group/Art Unit: _____ Attorney Docket No.: S-94,752 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| METHOD OF PAYMENT | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17, but not under 1.18. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | 3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>\$130</td> <td>\$65</td> <td>Surcharge – late filing fee or oath</td> <td style="text-align: right;">Fee Paid</td> </tr> <tr> <td>\$50</td> <td>\$25</td> <td>Surcharge – late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>\$2,520</td> <td>\$2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>\$390</td> <td>\$195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>\$890</td> <td>\$445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>\$1,390</td> <td>\$695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>\$1,890</td> <td>\$945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>\$310</td> <td>\$155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>\$310</td> <td>\$155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>\$270</td> <td>\$135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>\$1,240</td> <td>\$620</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>\$130</td> <td>\$130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>\$180</td> <td>\$180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>\$710</td> <td>\$355</td> <td>Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>\$710</td> <td>\$355</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>\$300</td> <td>\$300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3) \$</td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 1 \$355.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 2 \$ 63.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 3 \$</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL AMOUNT OF PAYMENT \$418.00</td> </tr> </tbody></table> | | | | Large Entity Fee | Small Entity Fee | Fee Description | Fee Paid | \$130 | \$65 | Surcharge – late filing fee or oath | Fee Paid | \$50 | \$25 | Surcharge – late provisional filing fee or cover sheet | | \$2,520 | \$2,520 | For filing a request for reexamination | | \$110 | \$55 | Extension for reply within first month | | \$390 | \$195 | Extension for reply within second month | | \$890 | \$445 | Extension for reply within third month | | \$1,390 | \$695 | Extension for reply within fourth month | | \$1,890 | \$945 | Extension for reply within fifth month | | \$310 | \$155 | Notice of Appeal | | \$310 | \$155 | Filing a brief in support of an appeal | | \$270 | \$135 | Request for oral hearing | | \$110 | \$55 | Petition to revive – unavoidable | | \$1,240 | \$620 | Petition to revive – unintentional | | \$130 | \$130 | Petitions to the Commissioner | | \$50 | \$50 | Petitions related to provisional applications | | \$180 | \$180 | Submission of Information Disclosure Statement | | \$710 | \$355 | Filing a submission after final rejection (37 CFR 1.129 (a)) | | \$710 | \$355 | For each additional invention to be examined (37 CFR 1.129(b)) | | \$300 | \$300 | Publication fee for early, voluntary, or normal publication | | Other fee (specify) _____ | | | | Other fee (specify) _____ | | | | SUBTOTAL (3) \$ | | | | Reduced by Basic Filing Fee Paid | | | | SUBTOTAL FROM 1 \$355.00 | | | | SUBTOTAL FROM 2 \$ 63.00 | | | | SUBTOTAL FROM 3 \$ | | | | TOTAL AMOUNT OF PAYMENT \$418.00 | | | |
| Large Entity Fee | Small Entity Fee | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$130 | \$65 | Surcharge – late filing fee or oath | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$50 | \$25 | Surcharge – late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$2,520 | \$2,520 | For filing a request for reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$110 | \$55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$390 | \$195 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$890 | \$445 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$1,390 | \$695 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$1,890 | \$945 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$310 | \$155 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$310 | \$155 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$270 | \$135 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$110 | \$55 | Petition to revive – unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$1,240 | \$620 | Petition to revive – unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$130 | \$130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$50 | \$50 | Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$180 | \$180 | Submission of Information Disclosure Statement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$710 | \$355 | Filing a submission after final rejection (37 CFR 1.129 (a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$710 | \$355 | For each additional invention to be examined (37 CFR 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$300 | \$300 | Publication fee for early, voluntary, or normal publication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (3) \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reduced by Basic Filing Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL FROM 1 \$355.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL FROM 2 \$ 63.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL FROM 3 \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL AMOUNT OF PAYMENT \$418.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBMITTED BY | | | | Complete (if applicable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Printed Name: | Gemma Morrison Bennett | | | Reg. No. | 34,516 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature: | <i>Gemma Morrison Bennett</i> | | | Date: | 02/12/01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Telephone | (505) 667-6989 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |